

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "BRANCH PREDICTION MECHANISM USING MULTIPLE HASH FUNCTIONS," the specification of which:

- ☒ is attached hereto.
☐ was filed on _____ as Application Serial No. _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate listed below, or under § 365(a) of any PCT international application listed below designating least one country other than the United States of America, and have identified below any foreign application for patent or inventor's certificate, or of any PCT international application, having a filing date before that of the application on which priority is claimed.

<u>Prior Foreign Application No.</u>	<u>Country</u>	<u>Filing Date</u> <u>(mm/dd/yy)</u>	<u>Priority</u> <u>Claimed</u>	<u>Cert. copy</u> <u>Attached</u>
N/A				

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>Provisional Application No.</u>	<u>Filing Date</u> <u>(mm/dd/yy)</u>
N/A	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under § 365(c) of any PCT international application listed below designating the United States of America, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information known to me to be material to the patentability of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Parent Application No.</u>	<u>Filing Date (mm/dd/yy)</u>	<u>Parent Patent No. (if applicable) or Status</u>
N/A		

I hereby revoke any previous Powers of Attorney and appoint

Andrew C. Chen	Reg. No. 43,544	Elaine K. Lee	Reg. No. 41,936
Bernice B. Chen	Reg. No. 42,403	Sean P. Lewis	Reg. No. 42,798
Arien C. Ferrell	Reg. No. 46,696	Jeffrey L. Myers	Reg. No. 44,252
Marc D. Foodman	Reg. No. 34,110	Paul D. Sorkin	Reg. No. 39,039
Marilyn E. Glaubenskleee	Reg. No. 35,521	Joseph A. Twarowski	Reg. No. 42,191
Anirma R. Gupta	Reg. No. 38,275	Monica Ward	Reg. No. 40,696
Noreen A. Krall	Reg. No. 39,734		

each of said attorneys being employed by Sun Microsystems; and

Mark K. Brightwell	Reg. No. 47,446	Lawrence J. Merkel	Reg. No. 41,191
Kay A. Colapret	Reg. No. 52,759	Eric B. Meyertons	Reg. No. 34,876
Stephen J. Curran	Reg. No. 50,664	Neal E. Persky	Reg. No. 53,452
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Heather L. Flanagan	Reg. No. 54,101	David W. Quimby	Reg. No. 39,338
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B. Noël Kivlin	Reg. No. 33,929	Mark S. Williams	Reg. No. 50,658
Robert C. Kowert	Reg. No. 39,255		

each of said attorneys or agents being a member or an associate of the firm of Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Please direct all communications to:

Stephen J. Curran
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Austin, Texas 78767-0398
Phone: (512) 853-8800

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5681-96100
P6693

I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name: Robert E. Cypher
Inventor's Signature: *Robert E. Cypher* Date: 4/7/04
City and State (or Foreign Country) of Residence: Saratoga, CA Citizenship: US
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(Include number, street name, city, state and zip code)

Inventor's Full Name: Stevan A. Vlaovic
Inventor's Signature: _____ Date: _____
City and State (or Foreign Country) of Residence: _____ Citizenship: Canada
Post Office and Residence Address: 20488 Stevens Creek Blvd. #1410, Cupertino, CA 95014
(Include number, street name, city, state and zip code)

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(Include number, street name, city, state and zip code)

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Inventor's Signature:  Date: April 2, 2004
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